

REMARKS

The claims in the application are 1-14, 16-18 and Claims 21-24 added by the present amendment.

Favorable reconsideration of the application as amended is respectfully requested.

A new Abstract has been inserted in accordance with the request in paragraphs 1-3 of the Office Action. The amendment to Claims 1, 5 and 12-14, in addition to new Claims 21-24, find support throughout the present application and drawings. Accordingly, the only outstanding issue is the art rejection of the claims.

All Claims 1-20 have been rejected under 35 U.S.C. §102 as being anticipated by U.S. Pat. No. 6,285,571 to Brooks et al in paragraph 1 of the Office Action. However, it is respectfully submitted the invention recited in all pending claims is patentable over this reference, for the following reasons (reference will be made to preferred embodiments of the present invention illustrated in the drawings of the present application).

The present invention enhances regulation of pulse-controller inverters 1, 2 positioned in parallel, by regulating individual current(s) of each one of all the pulse-controlled inverters 1,2, or all the pulse-controlled inverters except for one of them. In particular, each of the pulse-controlled inverters 1, 2 comprises first IGBT T11, IGBT 21 and second IGBT T14, IGBT T24 insulated gate bipolar transistors and first D11, D21 and second D14, D24 diodes each connected in parallel with one of the respective transistors in the direction of reverse voltage UD- to forward voltage UD+.

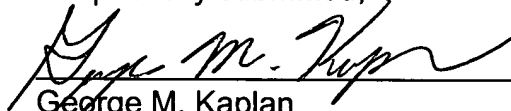
Brooks et al disclose P-MOSFETS 304(1)-304(n) and N-MOSFETS 308(1)-308(n), notably in Fig. 3. In contrast, the pulse-controlled inverters according to the presently claimed invention are regulated according to current and include diodes D11, D14, D21, D24 positioned in parallel with the respective insulated gate bipolar transistors T11, T14, T21 and T24. Accordingly, Brooks et al fail to disclose or suggest the explicitly claimed features of the inventive method herein.

The remaining art of record has not been applied against the claims and will not be commented upon further at this time.

Accordingly, in view of the forgoing amendment and accompanying remarks, it is respectfully submitted all claims pending herein are in condition for allowance. Please contact the undersigned attorney should there be any questions. A petition for an automatic two month extension of time for response under 37 C.F.R. §1.136(a) is enclosed in triplicate together with the requisite petition fee.

Early favorable action is earnestly solicited.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "George M. Kaplan", is written over a horizontal line.

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